

===== WPI =====

TI - Cleaning appts. for detachable parts of construction machine - has traverse mechanism which moves high-pressure water injection nozzle corresp. to shape detected by detachable machine parts structural sensor

AB - J08260697 The appts. has a roller conveyor (2) and a centering mechanism (3) which moves detachable parts in the proper cleaning position. A detachable machine parts structural sensor then detects the presence and the shape of the detachable machine parts.

- A high-pressure water injection nozzle (8) is moved by a traverse mechanism (4) corresp. to the shape detected by the detachable machine parts structural sensor.

- ADVANTAGE - Efficiently removes adhesives on detachable machine parts regardless of its shape. Enables energy and water conservation through effective cleaning. Lessens labor due to automatic machine parts shape detection.

- (Dwg.1/5)

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===== PAJ =====

TI - CLEANING DEVICE OF MACHINE AND MATERIAL OF TEMPORARY WORK FOR BUILDING CONSTRUCTION

AB - PURPOSE: To effectively remove stuck materials, by centering a machine and materials for temporary works, transferred by a roller conveyor and cleaning the machine and materials for temporary works by the use of a high pressure water jet nozzle symmetrically moving against the center of conveyor.

- CONSTITUTION: A machine and materials 2 for temporary works are transferred to a roller conveyor 2 driven by a conveyor motor 6 through a conveyor chain 5. And the machine and materials 2 for temporary works are positioned in the center by a centering mechanism 3 in which two right and left rollers are parallelly shifted in the pantograph style symmetrically to the right and left hands. A sensor is fitted to a traverse mechanism 4 to confirm the presence and the shape of a machine and materials for temporary works. Both faces of the machine and materials for temporary works 2 are washed simultaneously by a high pressure water jet nozzle 8 moving so as to make a circular track. Accordingly, stuck materials on a temporary machine having a complicated shape like a torii (a gateway at the entrance to a shrine) - form posts can be efficiently removed.

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